



CSX and Amtrak Train Collision
Cayce, South Carolina

Investigative Hearing **MANAGING SAFETY** **ON PASSENGER RAILROADS**



National Transportation Safety Board
Washington, DC | July 10-11, 2018



Amtrak Overspeed Derailment
DuPont, Washington

DAY 1 (8:30 A.M. - 4:30 P.M.)

8:30 a.m. - 9:00 a.m.: Opening Remarks and Housekeeping

9:00 a.m. - 11:00 a.m.: Panel 1 - Cayce, South Carolina

Theme: "Amtrak Operations on Host Railroads"

Overview of Accident: Richard Hipskind

Amtrak - Amtrak Legislative Mandates for Operations and
Amtrak Host Railroad Agreements

CSX Signal Project

- Risk Assessment
- Operations Planning for Outages
- Interaction with Amtrak and Other Operators

11:00 a.m. - 12:00 p.m.: Lunch

FRA

- Applicable Regulations
- Requirements for Safe Operations during Signal Suspensions

Amtrak, Operations on Host Railroads

- Joint Coordination Activities for Safety and Operational Efficiency
- Hazard Identification and Risk Management
- 217 Operational Testing (Amtrak/CSX/FRA)

1:00 p.m. - 4:30 p.m.: Panel 2 - DuPont, Washington

Theme: "Addressing Safety in Preparation for the Point
Defiance Bypass"

Overview of Accident: Ted Turpin

Washington DOT's Point Defiance Bypass Project

- Grant Relationship with Sound Transit
- State Supported Services Contract with Amtrak

Sound Transit's Process for Pre-revenue Safety Certification

- Safety and Security Management Plan
- Preliminary Hazard Analysis
- Operational Hazard Analysis
- Safety Certification Verification Report
- Pre-revenue Testing and Verification

FRA, Project Safety Support

- Safety Requirements for FRA-funded Major Capital Projects
- The Role of FRA during Design
- The Role of FRA during Pre-revenue phase (FRA Passenger Safety Division)
- Grandfathered Approval of Rail Passenger Equipment

Amtrak, Operational Readiness for Revenue Service

- Training
- Familiarization and Qualifications
- Evaluation of Operational Readiness

DAY 2 (8:30 A.M. - 4:30 P.M.)

8:30 a.m. - 9:00 a.m.: Opening Remarks and Housekeeping

9:00 a.m. - 1:00 p.m.: Panel 3 (morning)

Theme: "Managing Safety on Passenger Railroads"

Panel Introduction: Ryan Frigo

Safety Management Systems at Amtrak, History, Current,
Future (Amtrak)

FRA and Safety Management (Title 49 Code of Federal
Regulations Part 270)

Metra – Safety Communications and Interactions with Host
and Tenant Railroads

BNSF: a Host Railroad Perspective

11:00 a.m. - 12:00 p.m.: Lunch

1:00 p.m. - 4:30 p.m.: Panel 3 (afternoon)

Theme: "International Approach to Passenger Train
Operations and Shared Use and Safety Management
Principles from Another Industry"

Panel Introduction: Ryan Frigo

Presentation on Safety Management Systems
Implementation, Operations and Pre-revenue (Office Road
and Rail, United Kingdom)

Lessons Learned from Test Train Overspeed Derailment.
Subsequent Safety Improvements (SNCF National Railway
of France)

Presentation from Another High Reliable Organization on
Safety Management - Pipeline Industry